

Product description	<b>Contacts: 5, female cable connector, cable outlet 4 - 6 mm, lightgrey</b>
Area	<b>Snap-in IP67, miniature Series 720 MED</b>
Order number	<b>99 9114 400 05</b>

Illustration	Scale drawing	Contact arrangement																		
		<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1,82</td> <td>-2,51</td> </tr> <tr> <td>2</td> <td>-1,82</td> <td>-2,51</td> </tr> <tr> <td>3</td> <td>-2,95</td> <td>0,96</td> </tr> <tr> <td>4</td> <td>0,00</td> <td>3,10</td> </tr> <tr> <td>5</td> <td>2,95</td> <td>0,96</td> </tr> </tbody> </table>		X	Y	1	1,82	-2,51	2	-1,82	-2,51	3	-2,95	0,96	4	0,00	3,10	5	2,95	0,96
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**You can find the component part drawing and assembly instructions on the next page.**

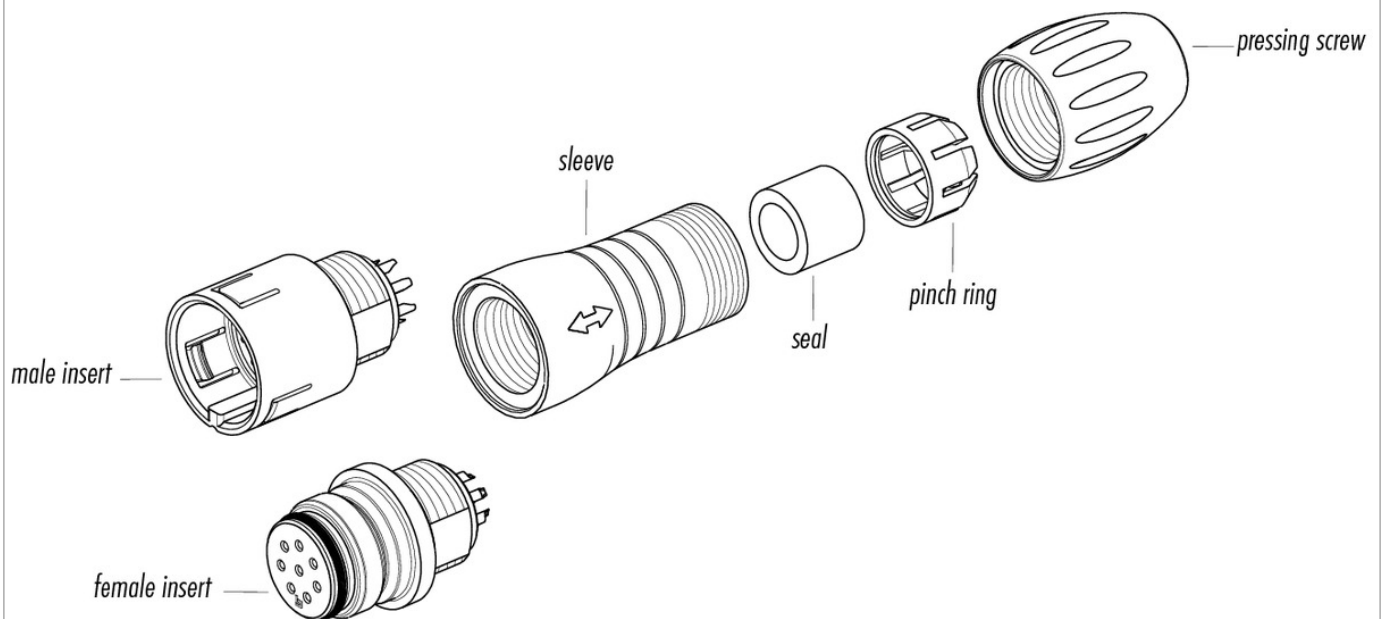
## Technical data

<h3 style="color: #00a651; margin: 0;">General values</h3> <table border="0"> <tr> <td>Connector design</td> <td>female cable connector</td> </tr> <tr> <td>Connector locking system</td> <td>snap</td> </tr> <tr> <td>Termination</td> <td>solder</td> </tr> <tr> <td>Wire gauge (mm)</td> <td>0,75 mm<sup>2</sup></td> </tr> <tr> <td>Wire gauge (AWG)</td> <td>20</td> </tr> <tr> <td>Cable outlet</td> <td>4,0 - 6,0 mm</td> </tr> <tr> <td>Upper limit temperature</td> <td>85 °C</td> </tr> <tr> <td>Lower limit temperature</td> <td>-40 °C</td> </tr> </table>		Connector design	female cable connector	Connector locking system	snap	Termination	solder	Wire gauge (mm)	0,75 mm <sup>2</sup>	Wire gauge (AWG)	20	Cable outlet	4,0 - 6,0 mm	Upper limit temperature	85 °C	Lower limit temperature	-40 °C	<h3 style="color: #00a651; margin: 0;">Electrical values</h3> <table border="0"> <tr> <td>Rated current (40 °C)</td> <td>5 A</td> </tr> <tr> <td>Rated voltage</td> <td>125 V</td> </tr> <tr> <td>Rated impulse voltage</td> <td>1500 V</td> </tr> <tr> <td>Pollution degree</td> <td>2</td> </tr> <tr> <td>Overvoltage category</td> <td>II</td> </tr> <tr> <td>Insulating material group</td> <td>II</td> </tr> <tr> <td>Volume resistivity</td> <td>≤ 3 mΩ</td> </tr> <tr> <td>Insulation resistance</td> <td>≥ 10<sup>10</sup>Ω</td> </tr> <tr> <td>EMC compliance</td> <td>not shielded</td> </tr> <tr> <td>Degree of protection</td> <td>IP67</td> </tr> <tr> <td>Mechanical operation</td> <td>&gt; 500 Mating cycles</td> </tr> </table>	Rated current (40 °C)	5 A	Rated voltage	125 V	Rated impulse voltage	1500 V	Pollution degree	2	Overvoltage category	II	Insulating material group	II	Volume resistivity	≤ 3 mΩ	Insulation resistance	≥ 10 <sup>10</sup> Ω	EMC compliance	not shielded	Degree of protection	IP67	Mechanical operation	> 500 Mating cycles
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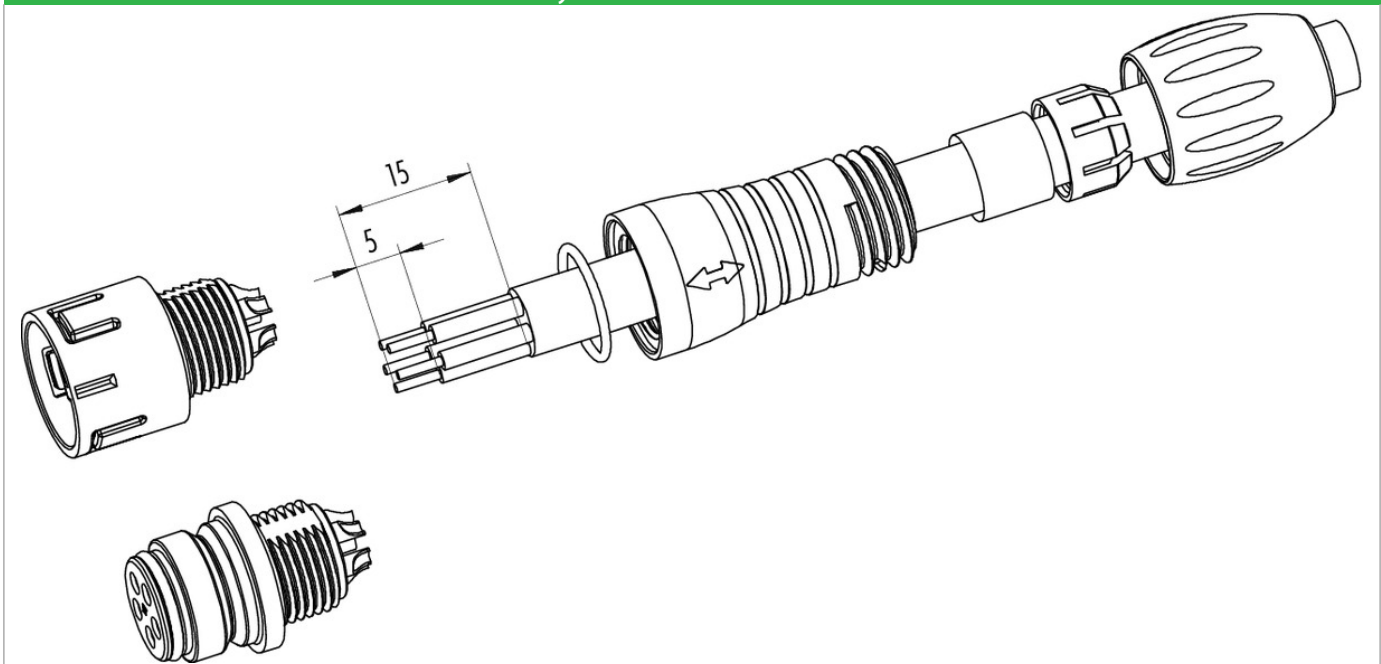
Product description **Contacts: 5, female cable connector, cable outlet 4 - 6 mm, lightgrey**

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Component part drawing



Assembly instructions / Panel cut-out



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## Security notices

The connector must not be connected or separated under load. Non-observance and incorrect use can result in personal injury.

The connectors are designed for use in plant, control system and electrical equipment. The end user is responsible for checking whether the connectors are suitable for use in other applications.

To prevent the connector being opened unintentionally when used in electrical circuits containing hazardous life parts, the thread between the housing and the connector head must be secured using a suitable cyanoacrylate adhesive. This does not apply to connectors used in SELV and PELV circuits according to IEC 61140 (EN 61140, VDE 0140-1).

Connectors used in electrical circuits containing hazardous life parts must only be assembled and used by or under the supervision of persons with the requisite electrotechnical training, taking the applicable regulations and standards into account.

Connectors with degree of protection IP 67 and IP 68 are not suitable for use under water. When used outdoors, the connectors must be separately protected against corrosion. For further information about IP degrees of protection refer to 'Technical support' in the Download Centre.